



sequence listing.ST25
SEQUENCE LISTING

<110> Wei, Guangwen
Guo, Rongbing
Zhang, Renhuai

<120> Recombinant Super-Compound Interferon

<130> 792-A-PCT-US

<140> 10/650,365

<141> 2003-08-28

<150> PCT/CN02/00128

<151> 2002-02-28

<150> CN 01104367.9

<151> 2001-02-28

<160> 13

<170> PatentIn version 3.2

<210> 1

<211> 504

<212> DNA

<213> human synthesis

<220>

<221> CDS

<222> (1)..(504)

<400> 1

atg	tgc	gac	ctg	ccg	cag	acc	cac	tcc	ctg	ggg	aac	cgt	cgt	gct	ctg	48
Met	Cys	Asp	Leu	Pro	Gln	Thr	His	Ser	Leu	Gly	Asn	Arg	Arg	Ala	Leu	
1				5					10					15		

atc	ctg	ctg	gct	cag	atg	cgt	cgt	atc	tcc	ccg	ttc	tcc	tgc	ctg	aaa	96
Ile	Leu	Leu	Ala	Gln	Met	Arg	Arg	Ile	Ser	Pro	Phe	Ser	Cys	Leu	Lys	
			20					25					30			

gac	cgt	cac	gac	ttc	ggg	ttc	ccg	cag	gaa	gaa	ttc	gac	ggg	aac	cag	144
Asp	Arg	His	Asp	Phe	Gly	Phe	Pro	Gln	Glu	Glu	Phe	Asp	Gly	Asn	Gln	
		35					40					45				

ttc	cag	aaa	gct	cag	gct	atc	tcc	gtt	ctg	cac	gaa	atg	atc	cag	cag	192
Phe	Gln	Lys	Ala	Gln	Ala	Ile	Ser	Val	Leu	His	Glu	Met	Ile	Gln	Gln	
	50					55					60					

acc	ttc	aac	ctg	ttc	tcc	acc	aaa	gac	tcc	tcc	gct	gct	tgg	gac	gaa	240
Thr	Phe	Asn	Leu	Phe	Ser	Thr	Lys	Asp	Ser	Ser	Ala	Ala	Trp	Asp	Glu	
65					70					75					80	

tcc	ctg	ctg	gaa	aaa	ttc	tac	acc	gaa	ctg	tac	cag	cag	ctg	aac	gac	288
Ser	Leu	Leu	Glu	Lys	Phe	Tyr	Thr	Glu	Leu	Tyr	Gln	Gln	Leu	Asn	Asp	
				85					90					95		

ctg	gaa	gct	tgc	gtt	atc	cag	gaa	gtt	ggg	gtt	gaa	gaa	acc	ccg	ctg	336
Leu	Glu	Ala	Cys	Val	Ile	Gln	Glu	Val	Gly	Val	Glu	Glu	Thr	Pro	Leu	
			100					105					110			

atg	aac	gtt	gac	tcc	atc	ctg	gct	gtt	aaa	aaa	tac	ttc	cag	cgt	atc	384
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Met	Asn	Val	Asp	Ser	Ile	Leu	Ala	Val	Lys	Lys	Tyr	Phe	Gln	Arg	Ile	
	115						120					125				
acc	ctg	tac	ctg	acc	gaa	aaa	aaa	tac	tcc	ccg	tgc	gct	tgg	gaa	gtt	432
Thr	Leu	Tyr	Leu	Thr	Glu	Lys	Lys	Tyr	Ser	Pro	Cys	Ala	Trp	Glu	Val	
	130				135						140					
gtt	cg	gct	gaa	atc	atg	cg	tcc	ttc	tcc	ctg	tcc	acc	aac	ctg	cag	480
Val	Arg	Ala	Glu	Ile	Met	Arg	Ser	Phe	Ser	Leu	Ser	Thr	Asn	Leu	Gln	
145					150					155					160	
gaa	cg	ctg	cg	cg	aaa	gaa	taa									504
Glu	Arg	Leu	Arg	Arg	Lys	Glu										
				165												

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Ile	Leu	Leu	Ala	Gln	Met	Arg	Arg	Ile	Ser	Pro	Phe	Ser	Cys	Leu	Lys
			20					25					30		
Asp	Arg	His	Asp	Phe	Gly	Phe	Pro	Gln	Glu	Glu	Phe	Asp	Gly	Asn	Gln
		35					40					45			
Phe	Gln	Lys	Ala	Gln	Ala	Ile	Ser	Val	Leu	His	Glu	Met	Ile	Gln	Gln
	50					55					60				
Thr	Phe	Asn	Leu	Phe	Ser	Thr	Lys	Asp	Ser	Ser	Ala	Ala	Trp	Asp	Glu
65				70					75						80
Ser	Leu	Leu	Glu	Lys	Phe	Tyr	Thr	Glu	Leu	Tyr	Gln	Gln	Leu	Asn	Asp
				85					90					95	
Leu	Glu	Ala	Cys	Val	Ile	Gln	Glu	Val	Gly	Val	Glu	Glu	Thr	Pro	Leu
			100					105					110		
Met	Asn	Val	Asp	Ser	Ile	Leu	Ala	Val	Lys	Lys	Tyr	Phe	Gln	Arg	Ile
	115						120					125			
Thr	Leu	Tyr	Leu	Thr	Glu	Lys	Lys	Tyr	Ser	Pro	Cys	Ala	Trp	Glu	Val
	130					135					140				
Val	Arg	Ala	Glu	Ile	Met	Arg	Ser	Phe	Ser	Leu	Ser	Thr	Asn	Leu	Gln
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Met Cys Asp Leu Pro Gln Thr His Ser Leu Gly Asn Arg Arg Ala Leu
1      5      10      15

att ctg ctg gca cag atg cgt cgt att tcc ccg ttt agc tgc ctg aaa      96
Ile Leu Leu Ala Gln Met Arg Arg Ile Ser Pro Phe Ser Cys Leu Lys
      20      25      30

gac cgt cac gac ttc ggc ttt ccg caa gaa gag ttc gat ggc aac caa      144
Asp Arg His Asp Phe Gly Phe Pro Gln Glu Glu Phe Asp Gly Asn Gln
      35      40      45

ttc cag aaa gct cag gca atc tct gta ctg cac gaa atg atc caa cag      192
Phe Gln Lys Ala Gln Ala Ile Ser Val Leu His Glu Met Ile Gln Gln
      50      55      60

acc ttc aac ctg ttt tcc act aaa gac agc tct gct gct tgg gac gaa      240
Thr Phe Asn Leu Phe Ser Thr Lys Asp Ser Ser Ala Ala Trp Asp Glu
      65      70      75      80

agc ttg ctg gag aag ttc tac act gaa ctg tat cag cag ctg aac gac      288
Ser Leu Leu Glu Lys Phe Tyr Thr Glu Leu Tyr Gln Gln Leu Asn Asp
      85      90      95

ctg gaa gca tgc gta atc cag gaa gtt ggt gta gaa gag act ccg ctg      336
Leu Glu Ala Cys Val Ile Gln Glu Val Gly Val Glu Glu Thr Pro Leu
      100      105      110

atg aac gtc gac tct att ctg gca
Met Asn Val Asp Ser Ile Leu Ala
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      20      25      30

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Asp Arg His Asp Phe Gly Phe Pro Gln Glu Glu Phe Asp Gly Asn Gln
35 40 45

Phe Gln Lys Ala Gln Ala Ile Ser Val Leu His Glu Met Ile Gln Gln
50 55 60

Thr Phe Asn Leu Phe Ser Thr Lys Asp Ser Ser Ala Ala Trp Asp Glu
65 70 75 80

Ser Leu Leu Glu Lys Phe Tyr Thr Glu Leu Tyr Gln Gln Leu Asn Asp
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Leu Glu Ala Cys Val Ile Gln Glu Val Gly Val Glu Glu Thr Pro Leu
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Met Asn Val Asp Ser Ile Leu Ala
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atc ctg ctg gct cag atg cgt cgt atc tcc ccg ttc tcc tgc ctg aaa 96
Ile Leu Leu Ala Gln Met Arg Arg Ile Ser Pro Phe Ser Cys Leu Lys
20 25 30
gac cgt cac gac 108
Asp Arg His Asp
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cgttatccag gaagttggtg ttgaagaaac cccgctgatg aac 103

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